

Title (en)

TURBOMACHINE WITH E-MACHINE HOUSING THERMAL FLUID RETAINER MEMBER

Title (de)

TURBOMASCHINE MIT THERMISCHEM E-MASCHINEN-GEHÄUSE-FLUIDRÜCKHALTEELEMENT

Title (fr)

TURBOMACHINE DOTÉE D'UN ÉLÉMENT DE RÉTENTION DE FLUIDE THERMIQUE DU BOÎTIER DE MACHINE ÉLECTRONIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP4151844A1] A turbomachine includes a housing with an e-machine housing. Also, the turbomachine includes a rotating group supported for rotation within the housing. Moreover, the turbomachine includes an e-machine that is configured as at least one of an electric motor and an electric generator, that is operatively coupled to the rotating group, and that includes a stator that is housed within the e-machine housing. Furthermore, the turbomachine includes a thermal bridge member that extends between the stator and the e-machine housing to define a thermal path for heat to transfer from the stator to the e-machine housing. The e-machine housing includes a thermal bridge retainer member that defines an outer boundary of the thermal bridge member.

IPC 8 full level

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